



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Asgrow Seed Company

Whereas, THERE HAS BEEN PRESENTED TO THE
Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF *seventeen* YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT OF 1930, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

PEA

'Clic'



In Testimony Whereof, I have hereunto set
my hand and caused the seal of the Plant
Variety Protection Office to be affixed
at the City of Washington
this 11th day of September in
the year of our Lord one thousand nine
hundred and eighty.

Attest:

Sumner H. Lee
Commissioner
Plant Variety Protection Office
Grain Division
Agricultural Marketing Service

Robert B. Berry
Secretary of Agriculture

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, POULTRY, GRAIN & SEED DIVISION

FORM APPROVED
OMB NO. 40-R3822

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

INSTRUCTIONS: See Reverse.

No certificate for plant variety protection may be issued unless a completed application form has been received (5 U.S.C. 553).

1a. TEMPORARY DESIGNATION OF VARIETY XP-C100		1b. VARIETY NAME <i>Clic Jet</i>		FOR OFFICIAL USE ONLY PV NUMBER 8000113	
2. KIND NAME Garden Pea		3. GENUS AND SPECIES NAME <i>800818</i> Pisum sativum		FILING DATE 5/12/80	TIME 3:30 <u>A.M.</u> <u>P.M.</u>
4. FAMILY NAME (BOTANICAL) Leguminosae		5. DATE OF DETERMINATION 1977 August		FEE RECEIVED \$ 500.00 \$ 250.00	DATE 5/12/80 8/4/80
6. NAME OF APPLICANT(S) Asgrow Seed Company		7. ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code) 9620-190-1 Kalamazoo, MI 49001		8. TELEPHONE AREA CODE AND NUMBER 616-385-6605	
9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: (Corporation, partnership, association, etc.) Corporation			10. IF INCORPORATED, GIVE STATE AND DATE OF INCORPORATION Delaware		11. DATE OF INCORPORATION March 22, 1968
12. NAME AND MAILING ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS: John A. Batcha Asgrow Seed Company 9620-190-1 Kalamazoo, MI 49001					

13. CHECK BOX BELOW FOR EACH ATTACHMENT SUBMITTED:

- ☒ 13A. Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.)
- ☒ 13B. Exhibit B, Novelty Statement.
- ☒ 13C. Exhibit C, Objective Description of the Variety (Request form from Plant Variety Protection Office.)
- ☐ 13D. Exhibit D, Additional Description of the Variety.

14a. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? (See Section 83(a). (If "Yes," answer 14B and 14C below.)		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
14b. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?	14c. IF "YES," TO 14B, HOW MANY GENERATIONS OF PRODUCTION BEYOND BREEDER SEED?		
<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED		
15a. DID THE APPLICANT(S) FILE FOR PROTECTION OF THIS VARIETY IN OTHER COUNTRIES? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If "Yes," give name of countries and dates.)			
15b. HAVE RIGHTS BEEN GRANTED THIS VARIETY IN OTHER COUNTRIES? <input type="checkbox"/> YES <input type="checkbox"/> NO (If "Yes," give name of countries and dates.)			

16. DOES THE APPLICANT(S) AGREE TO THE PUBLICATION OF HIS/HER (THEIR) NAME(S) AND ADDRESS IN THE OFFICIAL JOURNAL? ☒ YES ☐ NO
17. The applicant(s) declare(s) that a viable sample of basic seed of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.
- The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Act.
- Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

March 18, 1980

(DATE)

John A. Batcha

(SIGNATURE OF APPLICANT)

(DATE)

(SIGNATURE OF APPLICANT)

INSTRUCTIONS

GENERAL: Send an original copy of the application and exhibits, at least 2,500 viable seeds, and \$500 fee (\$250 filing fee and \$250 examination fee) to U.S. Dept. of Agriculture, Agricultural Marketing Service, Livestock, Poultry, Grain and Seed Division, Plant Variety Protection Office, National Agricultural Library Building, Beltsville, Maryland 20705. (See section 180.175 of the Regulations and Rules of Practice.) Retain one copy for your files. All items on the face of the form are self-explanatory unless noted below.

ITEM

- 5 Give the date the applicant determined that he had a new variety based on (1) the definition in section 41(a) of the Act and (2) the date a decision was made to increase the seed.
- 13a Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method; (2) the details of subsequent stages of selection and multiplication; (3) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified and (4) evidence of uniformity and stability.
- 13b Give a summary statement of the variety's novelty. Clearly state how this novel variety may be distinguished from all other varieties in the same crop. If the new variety most closely resembles one or a group of related varieties: (1) identify these varieties and state all differences objectively; (2) attach statistical data for characters expressed numerically and demonstrate that these differences are significant; and (3) submit, if helpful, seed and plant specimens or photographs of seed and plant comparisons clearly indicating novelty.
- 13c Fill in the Exhibit C, Objective Description form, for all characteristics for which you have adequate data.
- 13d Describe any additional characteristics that are not described, or whose description cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the description of characteristics that are difficult to describe, such as, plant habit, plant color, disease resistance, etc.
- 14a If "YES" is specified (seed of this variety be sold by variety name only as a class of certified seed) the applicant may NOT reverse his affirmative decision after the variety has either been sold and so labeled, his decision published, or the certificate has been issued. However, if the applicant specified "NO," he may change his choice. (See section 180.16 of the Regulations and Rules of Practice.)
- 15a See section 42 of the Plant Variety Protection Act and section 180.7 of the Regulations and Rules of Practice.

~~XP-C100~~ C112

March 18, 1980

EXHIBIT A: Origin and Breeding History of ~~XP-C100~~^{C112} Garden Pea.

The original cross was made in November 1972. Parentage was Rally x L42-57, a race 5 resistant breeding line received from Dr. William Haglund, Northwest Washington Experimental Station, Mt. Vernon, Washington. This variety was produced through a backcross program with six backcrosses. Each generation was tested for race 5 resistance and only resistant plants were crossed with Rally.

In 1975 selections were made from the sixth backcross. The following year progenies were compared for uniformity with Rally and those progenies not differing from Rally were saved and tested for resistance. Only resistant lines were kept for further increase.

Following yield trials in 1977, one line was selected and designated ~~XP-C100~~.

^{C112}
Observations indicate ~~XP-C100~~ is uniform and stable.

^{C112}

SET
800818

EXHIBIT B: Novelty Statement Concerning ~~XP-C100~~ *clie* Garden Pea.

To our knowledge the commercial variety most similar to ~~XP-C100~~ *clie* is Rally. Comparative characteristics that make ~~XP-C100~~ *clie* a distinct variety include, but are not necessarily restricted to the following:

1. ~~XP-C100~~ *clie* is resistant to Fusarium Wilt race 5 and Rally is susceptible.
2. There are minor differences in that ~~XP-C100~~ *clie* is about one day later than Rally to processing maturity and slightly larger in sieve size.

JE7 800818

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, POULTRY, GRAIN & SEED DIVISION
NATIONAL AGRICULTURAL LIBRARY
BELTSVILLE, MARYLAND 20705
OBJECTIVE DESCRIPTION OF VARIETY
PEA (*PISUM SATIVUM*)

NAME OF APPLICANT(S)

Asgrow Seed Company

ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code)

9620-190-1

Kalamazoo, MI 49001

VARIETY NAME OR TEMPORARY
DESIGNATIONClic
XP C100

187800818

FOR OFFICIAL USE ONLY

PVPO NUMBER

8000113

Place the appropriate number that describes the varietal character in the boxes below.

Place a zero in first box (e.g., or) when number is either 99 or less or 9 or less.

1. TYPE:

 1 = GARDEN 2 = FIELD 3 = EDIBLE-PODDED

2. MATURITY:

<input type="text" value="1"/> <input type="text" value="1"/>	Node number of first bloom:	<input type="text" value="0"/> <input type="text" value="6"/> <input type="text" value="7"/>	No. of days to processing	<input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="5"/> <input type="text" value="0"/>	Heat Units
<input type="text" value=""/> <input type="text" value=""/>	No. of days Earlier than	<input type="text" value=""/>	1 = ALASKA WR	2 = THOMAS LAXTON WR	3 = LITTLE MARVEL
<input type="text" value="0"/> <input type="text" value="4"/>	No. of days Later than	<input type="text" value="3"/>	4 = WANDO	5 = ALDERMAN WR	6 = AUSTRIAN WINTER

3. PLANT HEIGHT:

<input type="text" value="0"/> <input type="text" value="7"/> <input type="text" value="0"/>	CM. HIGH				
<input type="text" value="0"/> <input type="text" value="0"/>	Cm. Shorter than	<input type="text" value="1"/>	1 = ALASKA WR	2 = THOMAS LAXTON WR	3 = LITTLE MARVEL
<input type="text" value=""/> <input type="text" value=""/>	Cm. Taller than	<input type="text" value=""/>	4 = WANDO	5 = ALDERMAN WR	6 = AUSTRIAN WINTER

4. VINE:

<input type="text" value="1"/>	Habit: 1 = DETERMINATE 2 = INDETERMINATE	<input type="text" value="2"/>	Stockiness: 1 = SLIM (Alaska) 3 = HEAVY (Alderman) 2 = MEDIUM (Thomas Laxton WR)
<input type="text" value="2"/>	Branching: 1 = NONE (Alaska) 2 = 1-2 BRANCHES (Little Marvel) 3 = MORE THAN 2 BRANCHES (Dwarf Gray Sugar)		
<input type="text" value="2"/>	Internodes: 1 = STRAIGHT 2 = ZIG ZAG	<input type="text" value="1"/> <input type="text" value="8"/>	NUMBER OF NODES

5. LEAFLETS:

<input type="text" value="2"/>	Color: 1 = LIGHT GREEN (Alaska WR) 2 = MED. GREEN (Thomas Laxton WR) 3 = DARK GREEN (Alderman) 4 = OTHER (Specify)		
<input type="text" value="2"/>	Wax: 1 = NONE 2 = LIGHT 3 = MEDIUM 4 = HEAVY	<input type="text" value="1"/>	1 = NOT MARBLED 2 = MARBLED (Alaska)
<input type="text" value="3"/>	Number of leaflet pairs: 1 = NOT PAIRED 2 = ONE 3 = TWO 4 = THREE OR MORE		

6. STIPULES:

<input type="text" value="2"/>	1 = LACKING 2 = PRESENT	<input type="text" value="2"/>	1 = NOT CLASPING 2 = CLASPING
<input type="text" value="2"/>	1 = NOT MARBLED 2 = MARBLED	<input type="text" value="3"/>	Size (Compared with leaflets): 1 = SMALLER 2 = SAME 3 = LARGER
<input type="text" value="2"/>	Color (Compared with leaflets): 1 = LIGHTER 2 = SAME 3 = DARKER		

7. FLOWER COLOR:

<input type="text" value="1"/>	VENATION	<input type="text" value="1"/>	STANDARD	<input type="text" value="1"/>	WING	<input type="text" value="1"/>	KEEL	1 = WHITE 2 = GREENISH 3 = LAVENDER 4 = PURPLE 5 = RED 6 = OTHER (Specify)
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8. PODS:

Shape: 1 = STRAIGHT 2 = SLIGHTLY CURVED End: 1 = POINTED (Alderman) 2 = BLUNT (Alaska)
 Color: 1 = LIGHT GREEN (Alaska WR) 2 = MEDIUM GREEN 3 = DARK GREEN (Alderman)
4 = OTHER (Specify) _____
 Surface: 1 = SMOOTH 2 = ROUGH Surface: 1 = SHINY 2 = DULL
 Borne: 1 = SINGLE 2 = DOUBLE 3 = SINGLE AND DOUBLE 4 = SINGLE, DOUBLE, & TRIPEE
5 = DOUBLE & TRIPLE 6 = TRIPLE 7 = OTHER (Specify) _____
 CM. LENGTH MM. WIDTH (Between sutures) NO. SEEDS PER POD

9. SEEDS (95-100 Tenderometer):

Color: 1 = LIGHT GREEN 2 = GREEN 3 = DARK GREEN 4 = OTHER (Specify) _____
Seive: %

SEEDS (Dry, Mature):

Shape: 1 = FLATTENED 2 = ANGULAR 3 = OVAL 4 = ROUNDED
 Surface: 1 = SMOOTH 2 = DIMPLED Surface: 1 = SHINY 2 = DULL
3 = WRINKLED
 Color Pattern: 1 = MONOCOLOR 2 = MOTTLED 3 = STRIPED 4 = DOTTED
 Primary Color: 1 = CREAMY-WHITE 2 = CREAM & GREEN 3 = LIGHT GREEN 4 = MEDIUM GREEN
5 = DARK GREEN 6 = BLUE-GREEN 7 = YELLOW 8 = BROWN 9 = RED
 Secondary Color: 10 = GRAY 11 = BLACK
 Hilum Floor Color: 1 = WHITE 2 = TAN Cotyledon Color: 1 = GREEN 2 = YELLOW 3 = ORANGE
3 = BLACK
 GRAMS PER 100 SEEDS

10. DISEASE: (0 = Not Tested; 1 = Susceptible; 2 = Resistant)

FUSARIUM WILT NEAR-WILT DOWNY MILDEW
 ASCOCHYTA BLIGHT POWDERY MILDEW BACTERIAL BLIGHT
 MOSAIC PEA ENATION MOSAIC YELLOW BEAN MOSAIC
 OTHER (Specify) _____

11. INSECT: (0 = Not Tested; 1 = Susceptible; 2 = Resistant)

APHIDS OTHER (Specify) _____

12. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Leafiness	Rally	Fresh Seed Color	Rally
Leaf Color	Rally	Mature Seed Color	Rally
Pod Color	Rally	Seed Shape	Rally
Pod Shape	Rally	Plant Habit	Rally

COMMENTS:

MAY 12 1980